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IN THE CLAIMS

1. (currently amended) An emergency warning light comprising:
a heat sink;
a light engine adapted to be in thermal contact with the heat sink, the light engine including an array of LEDs generating
5 light adapted for use as an emergency warning signal; and
a lens positioned adjacent the light engine for transmitting the light generated by the LEDs, the lens including a plurality of total internal reflection (TIR) surface configurations, each one of the TIR surface configurations corresponding to one of the
10 LEDs of the array wherein the TIR surface configurations each comprises a convex wall, an inner side wall and an outer side wall and wherein each one of the TIR surface configurations corresponds to and is positioned over one of the LEDs of the array to collect and direct the light from its corresponding LED.
2. (original) The light of claim 1 comprising a power supply circuit for energizing the light engine, the circuit adapted to be supported by the heat sink.
3. (original) The light of claim 1 for use on a vehicle having a power source supplying a dc voltage and wherein the light engine comprises an LED series string array assembly, the light further comprising a power supply circuit adapted to be connected
5 to the dc voltage, the power supply circuit comprising:
a step-up dc-dc voltage conversion circuit receiving the dc voltage and providing a stepped up dc voltage to the LED series string array assembly; and
a current feedback control circuit in series with the LED
10 series string array assembly and providing feedback to the conversion circuit wherein the conversion circuit is responsive to the feedback for controlling the stepped up dc voltage as a function of the feedback; and

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15 wherein the heat sink, the light engine, the lens and the
power supply circuit for a unit adapted to be mounted on the
vehicle.

4. (currently amended) The light of claim 3 further comprising
a flash control circuit providing a flash control signal and
wherein the current feedback control circuit is responsive to the
flash control signal for selectively energizing the LED series
5 string array assembly to create a flashing emergency warning
light signal.

5. (original) The light of claim 1 wherein the light engine
includes a heat absorbing substrate on which the array of LEDs is
mounted and further comprising a thermal conducting pad between
the substrate and the heat sink for transmitting heat generated
5 by the array of LEDs and absorbed by the substrate to the heat
sink.

6. (currently amended) The light of claim 1 wherein the heat
sink includes an integral mounting portion adapted to engage a
support structure on a vehicle.

7. (original) The light of claim 1 further comprising a
mounting bracket for supporting the heat sink, the light engine
and the lens on a support structure on a vehicle.

8. (currently amended) The light of claim 1 ~~wherein the TIR~~
~~surface configurations each comprises a convex wall, an inner~~
~~side wall and an outer side wall and~~ wherein the lens comprises
an injection molded material having at least one internal runner
5 connected to the TIR surface configurations, the runner adapted
to facilitate formation of the TIR surface configuration
connected thereto during injection molding of the lens.

9. (original) The light of claim 8 wherein the lens has
opposing inner and outer surfaces, wherein the TIR surface

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configurations are on the inner surface facing the light engine and collect light generated by the LEDs of the light engine and
5 wherein the outer surface comprises a distributing surface for distributing light collected by the TIR surface configurations.

10. (original) The light of claim 1 wherein the lens has opposing inner and outer surfaces, wherein the TIR surface configurations are on the inner surface facing the light engine and collect light generated by the LEDs of the light engine and
5 wherein the outer surface comprises a distributing surface for distributing light collected by the TIR surface configurations.

11. (original) The light of claim 1 for use in a light bar having a support, the light bar adapted to be mounted on a vehicle, the emergency warning light comprising a module and wherein the heat sink is adapted to engage the support of the
5 light bar.

12. (original) The light of claim 11 wherein the heat sink includes an integral mounting portion connected to the support of the light bar and further comprising a power supply circuit for energizing the light engine, the circuit adapted to be supported
5 by the heat sink.

13. (currently amended) The light of claim ~~11~~ 1 further comprising:

a second light engine adapted to be in thermal contact with the heat sink, the second light engine including a second array
5 of LEDs generating light adapted for use as an emergency warning signal; and

a second lens positioned adjacent the second light engine for transmitting the light generated by the LEDs of the second array, the second lens including a plurality of second TIR
10 surface configurations, each one of the second TIR surface configurations corresponding to one of the LEDs of the second array.

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14. (original) The light of claim 11 for use on a vehicle having a power source supplying a dc voltage and wherein the light engine comprises an LED series string array assembly, the light further comprising a power supply circuit adapted to be
5 connected to the dc voltage, the power supply circuit comprising:
a step-up dc-dc voltage conversion circuit receiving the dc voltage and providing a stepped up dc voltage to the LED series string array assembly; and
a current feedback control circuit in series with the LED
10 series string array assembly and providing feedback to the conversion circuit wherein the conversion circuit is responsive to the feedback for controlling the stepped up dc voltage as a function of the feedback; and
wherein the heat sink, the light engine, the lens and the
15 power supply circuit for a unit adapted to be mounted on the vehicle.

15. (currently amended) The light of claim ~~11~~ 14 further comprising a flash control circuit providing a flash control signal and wherein the current feedback control circuit is responsive to the flash control signal for selectively energizing
5 the LED series string array assembly to create a flashing emergency warning light signal.

16. (original) The light of claim 11 wherein the lens has opposing inner and outer surfaces, wherein the TIR surface configurations are on the inner surface facing the light engine and collect light generated by the LEDs of the light engine and
5 wherein the outer surface comprises a distributing surface for distributing light collected by the TIR surface configurations.

17. (original) The light of claim 11 wherein the light engine includes a heat absorbing substrate on which the array of LEDs is mounted and further comprising a thermal conducting pad between the substrate and the heat sink for transmitting heat generated

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5 by the array of LEDs and absorbed by the substrate to the heat sink.

18. (original) The light of claim 11 wherein the heat sink includes a integral mounting portion adapted to engage a support structure on a vehicle.

19. (currently amended) The light of claim 11 ~~wherein the TIR surface configurations each comprises a convex wall, an inner side wall and an outer side wall and~~ wherein the lens comprises an injection molded material having at least on internal runner
5 connected to the TIR surface configurations, the runner adapted to facilitate formation of the TIR surface configuration connected thereto during injection molding of the lens.

20. (original) The light of claim 11 for use on a vehicle having a power source supplying a dc voltage and wherein the light engine comprises an LED series string array assembly, the light further comprising a power supply adapted to be connected
5 to the dc voltage for energizing the assembly, the power supply comprising a constant current step up power supply circuit.

Claims 21-46. (cancelled).

47. (new) The light of claim 1 for use on a vehicle having a power source supplying a dc voltage and wherein the light engine comprises an LED series string array assembly, the light further comprising a power supply adapted to be connected to the dc voltage for energizing the assembly, the power supply comprising a constant current step up power supply circuit.

48. (new) An emergency warning light comprising:
a heat sink;
a first light engine adapted to be in thermal contact with the heat sink, the first light engine including a first array of

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LEDs generating light adapted for use as an emergency warning signal;

a second light engine adapted to be in thermal contact with the heat sink, the second light engine including a second array of LEDs generating light adapted for use as an emergency warning signal;

a first lens positioned adjacent the first light engine for transmitting the light generated by the LEDs of the first array, the first lens including a plurality of first total internal reflection (TIR) surface configurations, each one of the first TIR surface configurations corresponding to one of the LEDs of the first array; and

a second lens positioned adjacent the second light engine for transmitting the light generated by the LEDs of the second array, the second lens including a plurality of second TIR surface configurations, each one of the second TIR surface configurations corresponding to one of the LEDs of the second array.

49. (new) An emergency warning light comprising:

a heat sink;

a light engine adapted to be in thermal contact with the heat sink, the light engine including an array of LEDs generating light adapted for use as an emergency warning signal;

a lens positioned adjacent the light engine for transmitting the light generated by the LEDs, the lens including a plurality of total internal reflection (TIR) surface configurations, each one of the TIR surface configurations corresponding to one of the LEDs of the array; and

a flash control circuit providing a flash control signal for selectively energizing the LEDs to create a flashing emergency warning light signal.